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|   |                     |  |
|---|---------------------|--|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) | Attorney Docket No. | 2557-000153/US   |
|   | First Inventor      | Ja-Hum KU et al.   |
|   | Title               | A METHOD OF FABRICATING A SEMICONDUCTOR DEVICE HAVING A SILICON OXIDE LAYER, A METHOD OF FABRICATING A SEMICONDUCTOR DEVICE HAVING DUAL SPACERS, A METHOD OF FORMING A SILICON OXIDE LAYER ON A SUBSTRATE, AND A METHOD OF FORMING DUAL SPACERS ON A CONDUCTIVE MATERIAL LAYER |

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|---|--|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents.   | <b>ADDRESS TO:</b><br>Commissioner for Patents<br>Box Patent Application<br>P.O. Box 1450<br>Alexandria, VA 22313-1450   |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>22</u>]<br/>(preferred arrangement set forth below)<br/>- Descriptive title of the Invention<br/>- Cross References to Related Applications<br/>- Statement Regarding Fed sponsored R &amp; D<br/>- Reference to sequence listing, a table, or a computer program listing appendix<br/>- Background of the Invention<br/>- Brief Summary of the Invention<br/>- Brief Description of the Drawings (if filed)<br/>- Detailed Description<br/>- Claim(s)<br/>- Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>7</u>]</p> <p>5. Oath or Declaration [Total Pages <u>4</u>]<br/>a. <input checked="" type="checkbox"/> Newly executed (original)<br/>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br/>(for a continuation/divisional with Box 18 completed)<br/>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<br/>a. <input type="checkbox"/> Computer Readable Form (CRF)<br/>b. Specification Sequence Listing on:<br/>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br/>ii. <input type="checkbox"/> paper<br/>c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p><b>ACCOMPANYING APPLICATIONS PARTS</b></p> <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney<br/>(when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/>(Should be specifically itemized)</p> <p>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br/>(if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p> |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ / \_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

|   |                                  |  |              |  |              |
|---|----------------------------------|--|--------------|--|--------------|
| <b>17. CORRESPONDENCE ADDRESS</b>                                     |                                  |  |              |  |              |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label |                                  | <b>30593</b><br>30593<br>(Insert Customer No. or Attach bar code label here) |              | or <input type="checkbox"/> Correspondence address below |              |
| Name  | Harness, Dickey & Pierce, P.L.C. |  |              |  |              |
| Address   | P.O. Box 8910                    |  |              |  |              |
| City  | Reston                           | State  | VA           | Zip Code   | 20195        |
| Country   | United States of America         | Telephone  | 703-668-8000 | Fax  | 703-668-8200 |

|                   |   |                                   |              |
|-------------------|---|-----------------------------------|--------------|
| Name (Print/Type) | John A. Castellano  | Registration No. (Attorney/Agent) | 35,094       |
| Signature         |  | Date                              | July 3, 2003 |

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17363 U.S. PATENT OFFICE  
10/612041  
07/03/03

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**FEE TRANSMITTAL**  
**f r FY 2003**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$) 1,756.00**Complete If Known**

|                     |                  |
|---------------------|------------------|
| Application Number  | NEW              |
| Filing Date         | July 3, 2003     |
| Inventor(s)         | Ja-Hum KU et al. |
| Examiner Name       | Unknown          |
| Group / Art Unit    | Unknown          |
| Attorney Docket No. | 2557-000153/US   |

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

08-0750

Deposit  
Account  
Name

Harness, Dickey &amp; Pierce, P.L.C.

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17
- 
- ☐
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check    ☐ Credit card    ☐ Money Order    ☐ Other
**FEE CALCULATION**

## 1. BASIC FILING FEE

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101                  | 750                   | 201                  | 375                   | Utility filing fee     | 750.00   |
| 106                  | 330                   | 206                  | 165                   | Design filing fee      |          |
| 107                  | 520                   | 207                  | 260                   | Plant filing fee       |          |
| 108                  | 750                   | 208                  | 375                   | Reissue filing fee     |          |
| 114                  | 160                   | 214                  | 80                    | Provisional filing fee |          |

**SUBTOTAL (1)**

(\$750.00)

## 2. EXTRA CLAIM FEES

| Total Claims          | Extra<br>Claims | Fee from<br>below | Fee<br>Paid |
|-----------------------|-----------------|-------------------|-------------|
| 69                    | -20 **          | 49                | 18          |
| Independent<br>Claims | 4               | -3 **             | 1           |
| Multiple<br>Dependent |                 |                   |             |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 103                  | 18                    | 203                  | 9                     | Claims in excess of 20                                     |
| 102                  | 84                    | 202                  | 42                    | Independent claims in excess of 3                          |
| 104                  | 280                   | 204                  | 140                   | Multiple dependent claim, if not paid                      |
| 109                  | 84                    | 209                  | 42                    | ** Reissue independent claims over original patent         |
| 110                  | 18                    | 210                  | 9                     | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$1512.00)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)**

| Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description  | Fee<br>Paid |
|-------------|--------------------------------|-------------|--------------------------------|--|-------------|
| 105         | 130                            | 205         | 65                             | Surcharge - late filing fee or oath  |             |
| 127         | 50                             | 227         | 25                             | Surcharge - late provisional filing fee or cover sheet.                    |             |
| 139         | 130                            | 139         | 130                            | Non-English specification  |             |
| 147         | 2,520                          | 147         | 2,520                          | For filing a request for reexamination                                     |             |
| 112         | 920*                           | 112         | 920*                           | Requesting publication of SIR prior to Examiner action                     |             |
| 113         | 1,840*                         | 113         | 1,840*                         | Requesting publication of SIR after Examiner action                        |             |
| 115         | 110                            | 215         | 55                             | Extension for reply within first month                                     |             |
| 116         | 410                            | 216         | 205                            | Extension for reply within second month                                    |             |
| 117         | 930                            | 217         | 465                            | Extension for reply within third month                                     |             |
| 118         | 1,450                          | 218         | 725                            | Extension for reply within fourth month                                    |             |
| 128         | 1,970                          | 228         | 985                            | Extension for reply within fifth month                                     |             |
| 119         | 320                            | 219         | 160                            | Notice of Appeal   |             |
| 120         | 320                            | 220         | 160                            | Filing a brief in support of an appeal                                     |             |
| 121         | 280                            | 221         | 140                            | Request for oral hearing   |             |
| 138         | 1,510                          | 138         | 1,510                          | Petition to institute a public use proceeding                              |             |
| 140         | 110                            | 240         | 55                             | Petition to revive - unavoidable   |             |
| 141         | 1,300                          | 241         | 650                            | Petition to revive - unintentional   |             |
| 142         | 1300                           | 242         | 650                            | Utility issue fee (or reissue)   |             |
| 143         | 470                            | 243         | 235                            | Design issue fee   |             |
| 144         | 630                            | 244         | 315                            | Plant issue fee  |             |
| 122         | 130                            | 122         | 130                            | Petitions to the Commissioner  |             |
| 123         | 50                             | 123         | 50                             | Processing fee under 37 CFR 1.17 (q)                                       |             |
| 126         | 180                            | 126         | 180                            | Submission of Information Disclosure Stmt                                  |             |
| 581         | 40                             | 581         | 40                             | Recording each patent assignment per property (times number of properties) | 40.00       |
| 146         | 750                            | 246         | 375                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |             |
| 149         | 750                            | 249         | 375                            | For each additional invention to be examined (37 CFR § 1.129(b))           |             |
| 179         | 750                            | 279         | 375                            | Request for Continued Examination (RCE)                                    |             |
| 169         | 900                            | 169         | 900                            | Request for expedited examination of a design application                  |             |


Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$40.00)

**SUBMITTED BY****Complete (if applicable)**

|                   |   |                                  |        |           |              |
|-------------------|---|----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | John A. Castellano  | Registration No. Attorney/Agent) | 35,094 | Telephone | 703-668-8000 |
| Signature         |  |                                  |        | Date      | July 3, 2003 |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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16179 U.S. PTO  
07/03/03